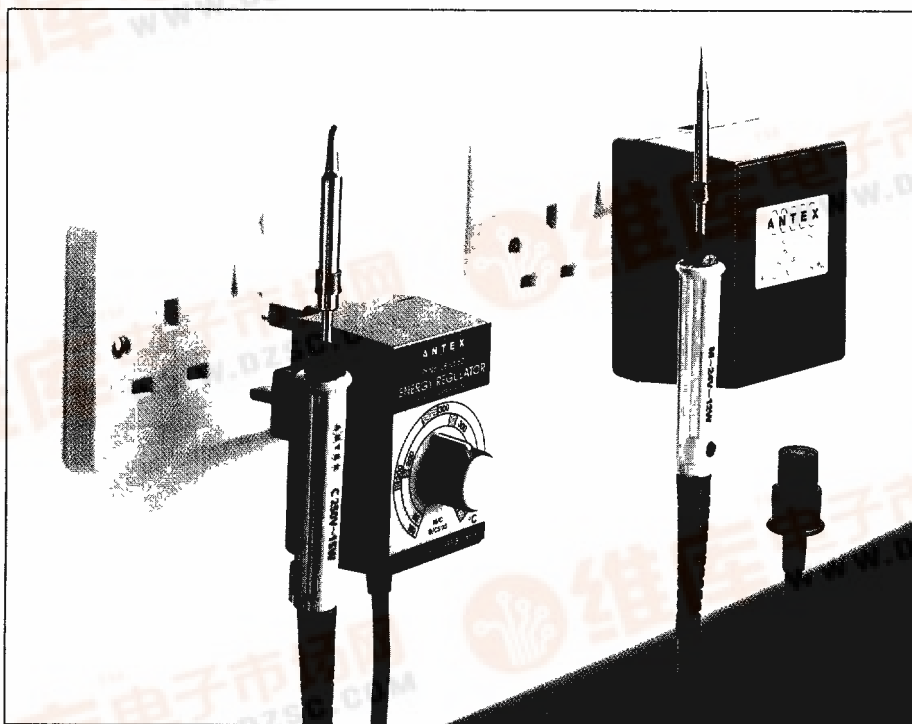


A N T E X

"PLUG-IN" ENERGY REGULATOR 24volt POWER SUPPLY



ENERGY REGULATOR

Standard soldering irons normally operate with a tip temperature in the range 370 to 420°C (according to model and bit profile). However, there is a growing use of soldering irons as hot tools in non-soldering applications requiring lower temperatures, e.g. wax painting, dental moulding, plastics etching, document preservation. The Energy Regulator permits a standard soldering iron (up to 25 watts) to be used for these applications or indeed for soldering applications where lower temperatures are required for component safety.

The Antex Energy Regulator is designed for use with any 240 volt Antex soldering iron with maximum of 25 watts, (i.e. models C, G, M, CS or XS).

The soldering iron is connected to the Energy Regulator (in place of a normal 13 amp plug). By rotating the potentiometer to the required setting, the Energy Regulator controls the iron at that temperature. It is calibrated for the different Antex irons shown above.

Other manufacturers' irons (up to 25 watts) may be used with the Energy Regulator, but setting position must be found by trial and error.

24 volt POWER SUPPLY

Many users of soldering irons require 24 volt supply to ensure operator safety. This is particularly so in schools where children are learning soldering skills and are not necessarily as disciplined or dexterous, and may burn through the mains lead. The Plug-in 24 volt Power supply offers a lower cost solution to provision of 24 volts for soldering.

Plugging directly into a standard mains socket, the power supply unit frees up valuable bench space. Furthermore trailing leads from plug to transformer are eradicated. The output socket to 24 volt soldering iron is underneath the unit avoiding the likelihood of ingress of foreign matter.

The Plug-in 24 volt power supply has a maximum power rating of 24 watts making it suitable for use with the 24 volt versions of the following Antex irons: C, M, CS or XS. Any competitive 24 volt iron with maximum power rating of 25 watts can also be used.

A further protection against possible harm, which also lengthens soldering iron life, is to use soldering irons with Silicone Rubber "burnproof" cables.



S P E C I F I C A T I O N S

ENERGY REGULATOR	FEATURE	24 VOLT POWER SUPPLY
240 Volt ~	Input Voltage	240 Volt ~
On/Off 240 Volt. 'On' time proportional to setting.	Output Voltage	24 Volt ~
25 Watt	Maximum power	25 Watt
In built plug	Mains connection	In-built plug
Screw terminals	Output connection	3 pin Miniature Bulgin plug
500 mA A/S	Fuse	Transformer internally fused, not field replaceable.
100-400°C App. (according to iron)	Control range	Fixed as per iron
75 48 40 (60 incl. knob)	Dimensions m.m. (excluding plug) Height Width Depth	85 68 55
90	Weight gms (excl. iron)	600
UE 82060	Order Pt No.	UP 82060
C250 (S271520) G240 (S371520) M250 (S171520) CS240 (S481420) XS240 (S581420) Above are standard P.V.C. Cable. See price list for Silicone Rubber.	Use with Antex iron versions C 15 watt G 18 watt M 12 watt CS 18 watt XS 25 watt	C24 (S220520) - - - - M24 (S124510)* CS24/psu (S428420) XS24/psu (S528420) Above all have Silicone Rubber Cable. See price list for P.V.C.
2 to 4 minutes	Warm up time to stable temperature.	4 minutes
Field repairable	Filed servicing	Not field serviceable.
MAXIMUM IRON RATING MUST NOT EXCEED 25 WATTS	ATTENTION!	USE ONLY WITH 24 VOLT IRONS WITH MAXIMUM RATING OF 25 WATTS

• Connection plug not fitted. Order Bulgin plug P631 or equivalent.